3471

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3471	039	02	21	78	28BA	3655	7527

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0014	00	02	04	016	Y	SW	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	E	FT	151	Z	09	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00005	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN 3H4	LORAN 3H5	DEPTH fms	C/C	TIME ON STATION PO	TIME ON STATION DO
START	36°55'	75°27'	2120	3041	14		0926	0928
FINISH	36°54'	75°25'	2122	3035	17		PU 0958	ON 1002

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
100	1350/2/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Tore bottom line out of net. - beyond immediate repair - switched To #4 Yankee.

OBSERVATIONS

Positive Anadromous

33 Blueback juv 5 Am Shad juv

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FIN	CRUST	SHELL	OTHER
5.0	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3471 DATE 2/21 19 21 BIOLOGISTS DFH SGR TWG DL

TOT. CATCH WT. 5.0 AIR 4.0 SURFACE 0.4 BOTTOM 2.5

SAMPLE WT. 5.0 RAISING FACTOR 0 GRID 28DA

SPECIES	C or NC	SUBSAMPLE NUMBER	SUBSAMPLE WEIGHT	TOTAL NO.	TOTAL WT.	$\bar{X}$ WT	REMARKS
Urophycis chuss ?				1	3.5	3.5	maybe white ~~to be~~ due to preservative stored WAC
Alosa aestivalis,				33	0.3	<0.1	range 63-93 (NQ)
Alosa sapidissima				5	0.3	<0.1	120 94 101 114 108
Clupea harengus				1	0.8	0.8	
Merluccius bilinearis				1	0.1	0.1	

Species: *Alosa aestivalis*

STATION: 347/
GRID: 28BA
DATE: 2/21/78

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	N= 33	Range		63-93		non quantitative
2						
3						Area 56
4						
5						
6						
7						
8						
9						
10						
11						Anchovies
12						
13						
14						
15						
16						
17						
18						
19						
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22						
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25						
26						
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32						
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45						
46						
47						
48						
49						
50						

Species: *Alosa sapidissima*

STATION: 3471
GRID: 28BA
DATE: 2/21/78

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	120	UNK				NON quantitative
2	94	↓				Area II
3	101					
4	114					
5	108					
6						
7						
8						
9						
10						Anchovy
11						
12						
13						
14						
15						
16						
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24						
25						
26						
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31						
32						
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42						
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44						
45						
46						
47						
48						
49						
50						

SPECIES: Alosa aestivalis

DATE: 2/21/74

STATION: 3471

LOCALITY: Hog Is. Pond

T.L.					T.L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-									
250-									
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370-									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

N = 33 range 63-93

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa sapidissima*

DATE: 2/21/78

STATION: 3471

LOCALITY: Area IV 2884

T.L.					T.L.				
50-59.9					550-				
60-					560-	JUV	NON QUIANT.		
70-					570-				
80-					580-	N= 5	RANGE	94-120	
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
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3471